Climate Change and Human Health Literature Portal

National Institute of Environmental Health Sciences

Understanding climate change impacts, vulnerability and adaptation at city scale: An introduction

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Year:	2011
Journal:	Climatic Change. 104 (1): 12-Jan

Source: http://dx.doi.org/10.1007/s10584-010-9981-8

Resource Description

Climate Scenario : ☒

specification of climate scenario (set of assumptions about future states related to climate)

 Special Report on Emissions Scenarios (SRES)

>   **Special Report on Emissions Scenarios (SRES) Scenario:** SRES A2

Exposure : ☒

weather or climate related pathway by which climate change affects health

 Air Pollution, Extreme Weather Event, Food/Water Security, Precipitation, Sea Level Rise, Temperature

>   **Air Pollution:** Ozone, Particulate Matter

>   **Extreme Weather Event:** Drought, Flooding, Landslides

>   **Temperature:** Extreme Heat

Geographic Feature: ☒

resource focuses on specific type of geography

 Ocean/Coastal, Urban

Geographic Location: ☒

resource focuses on specific location

 Global or Unspecified

Health Co-Benefit/Co–Harm (Adaption/Mitigation): ☒

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

 A focus of content

Health Impact: ☒

☐

specification of health effect or disease related to climate change exposure

Morbidity/Mortality

Mitigation/Adaptation: ☒

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

Model/Methodology: ☒

type of model used or methodology development is a focus of resource

Cost/Economic, Exposure Change Prediction, Methodology

Resource Type: ☒

format or standard characteristic of resource

Review

Resilience: ☒

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

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Timescale: ☒

time period studied

Long-Term (>50 years)

Vulnerability/Impact Assessment: ☒

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content